WMR-7211

Operations Manual

Wireless Mobile Reader - Base Unit

MADE IN USA

RoHS

FC

WMR-7211_MAN_090111

Cypress Suprex WMR-7211

This manual covers the operation and setup of the Cypress Suprex WMR-7211 base unit.

Overview:

The WMR-7000 series of RF Wireless solutions provides a poratble wireless card readers that can interface to most access control manufacturers panels. In the case of the WMR-7000 series of wireless products optional repeaters / extenders are also available.

Features:

-- Service mode for setup and configuration.
--"Quiet" protocol to conserve bandwidth and power
-- Field configurable reader formats
-- Multifunction indicator for determining operational status of the unit
-- Auxiliary I/O connections available for Door/Gate/Panel status signaling.
-- Multiplexing of RF bridge providing for additional door/gate on a single RF link.
-- Economical expansion capabilities using Suprex Lynk technology

Electrical Specifications: (Each Unit)

Supply Voltage 8-16VDC
Current 500mA

RF Specifications:

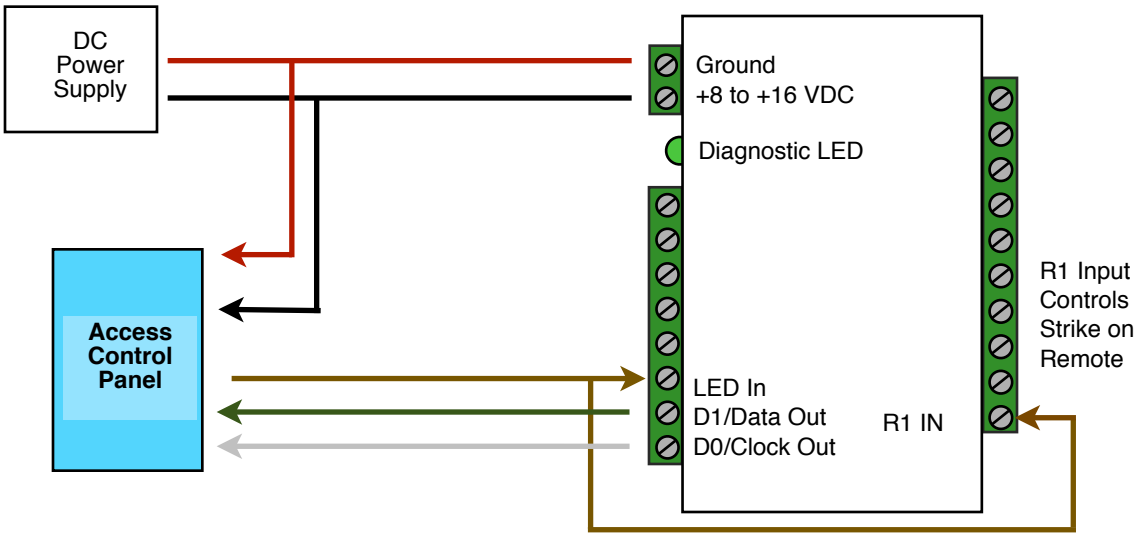
2.4GHz frequency
AES Encryption optional

Electrical and Mechanical Specifications

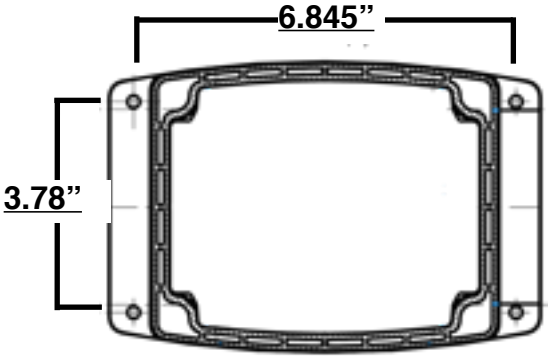
Physical	WMR-7211 - Weatherproof Enclosure 6.75" x 3.75" x 2.00" - 1.0 lb	
Temp	Storage(-55˚C to + 150˚C) Operating(-40˚C to +80˚C)	
Humidity	95% (non-condensing)	
Power	Input	Unreg Input 8 to 16 VDC* @ 300mA Max
	Output	+5VDC @100mA
Data I/O	Interface	Reader -Wiegand, Strobed (Clock & Data), LED - 0 - 30V

Quick Reference For Typical Connections

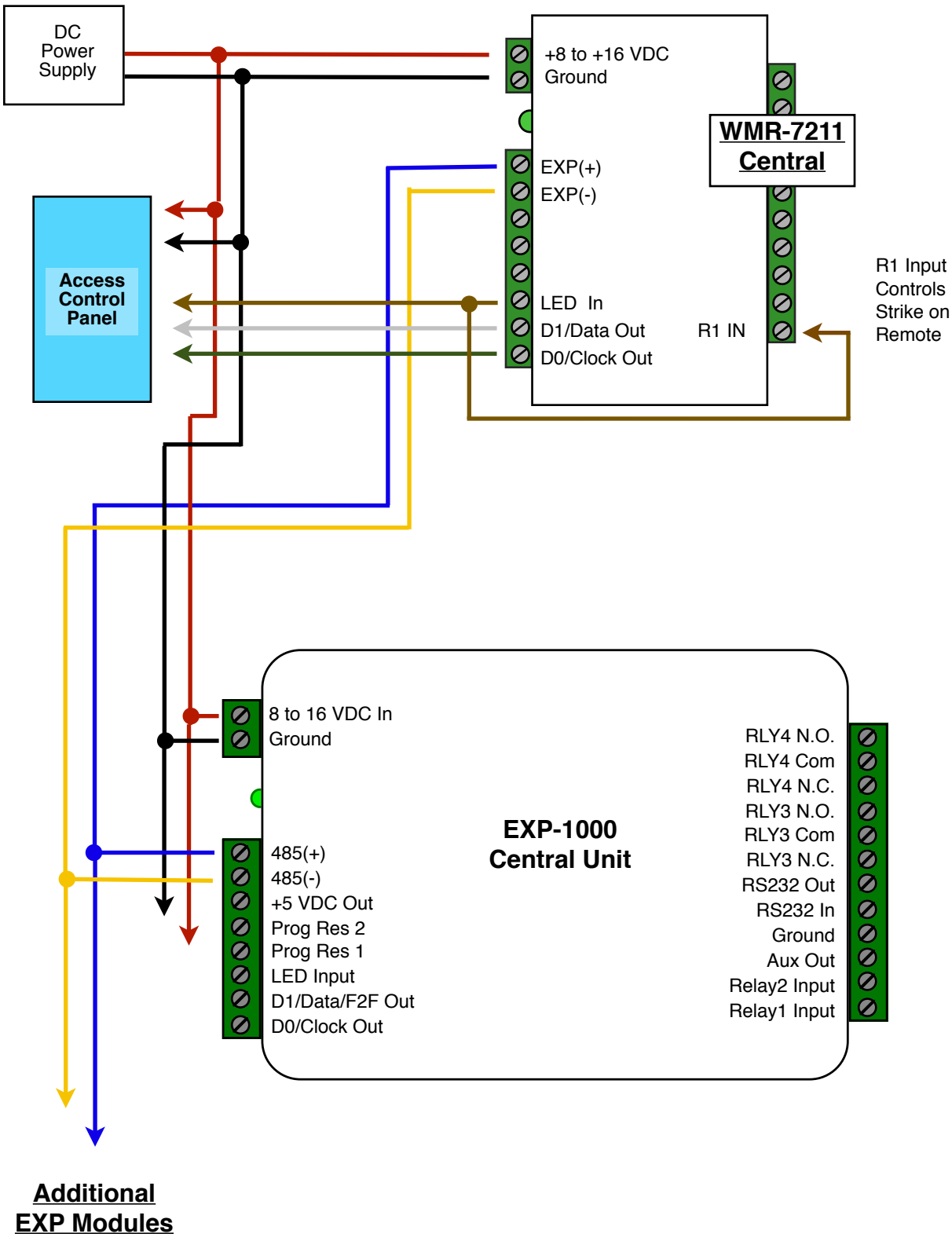
WMR-7211 Central Quick Reference



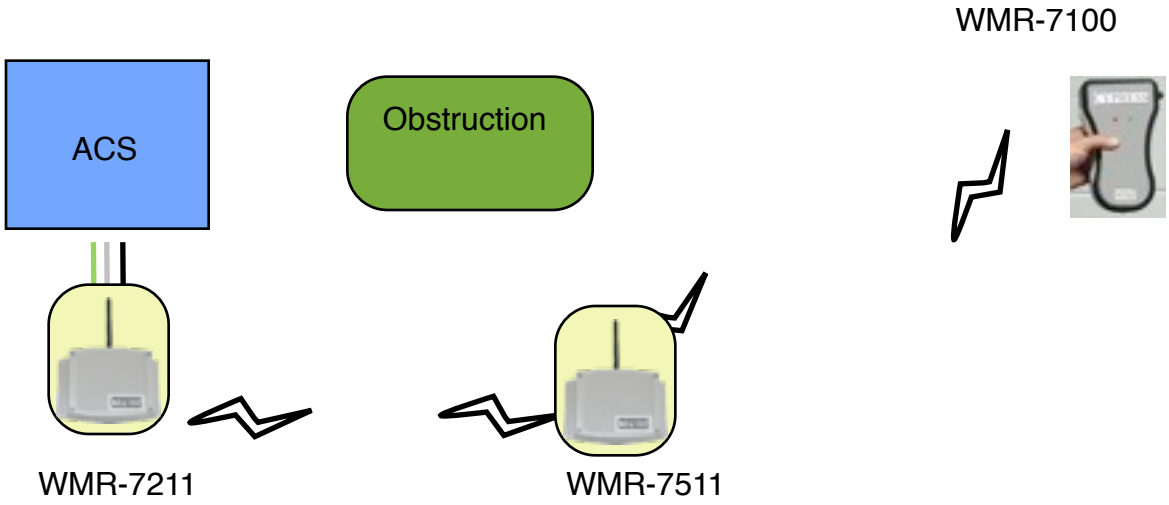
WMR-7211 Mounting Reference



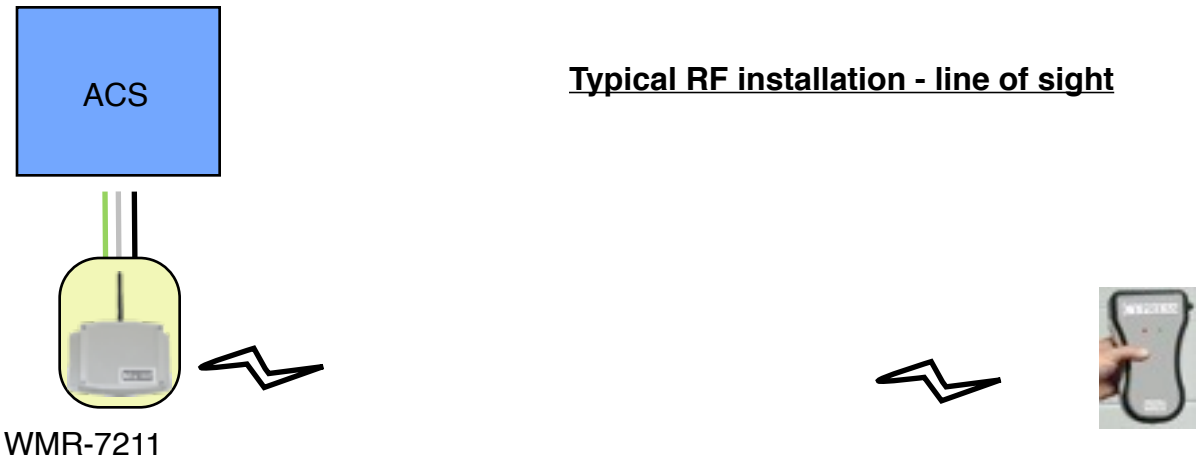
Cypress Suprex Series - Wiegand Expansion Module
Panel "Central" interface



Typical RF installation with repeater



Typical RF installation - line of sight



Typical RF installation - expansion modules